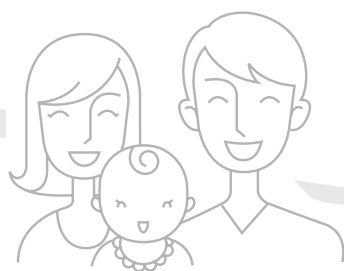


Coway

Air Purifier

AP-1506DH

- This Air Purifier is for domestic use. It can not be used in overseas where the power rate is different.
- For the right operation of Coway Air Purifier read this manual.



*We Think of Human,
Environment and Future*



Coway Co., Ltd.

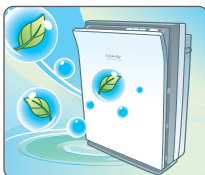


FEATURES

>> Coway Air Purifier(AP-1506DH) has differentiated functions

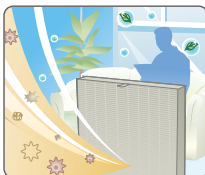
1 Excellent air cleaning

The device uses HEPA filter (treated with organic anti-bacterial microorganisms) with excellent anti-bacterial and mold function to remove drifting fine dust and bacteria. Filter system is designed to remove pollutants instantly.



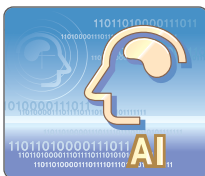
2 Customized Filter

There are four different types (for yellow dust, for babies, for new house owner and for old house owner) of Customized filters, each designed for your use according to needs.



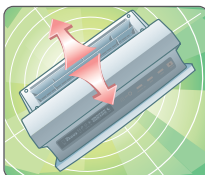
3 Artificial intelligence

It is an artificial intelligence function which uses a learning algorithm. It is designed to provide a pleasant indoor environment with speed adjustment of an air purifier to prevent the occurrence of same type of pollution by analyzing changing patterns in the user environment.



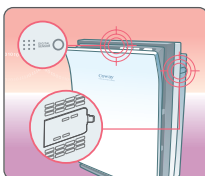
4 Auto-swing system

It is designed for speedy disposal of the pollutants by applying the appropriate auto-swing system for indoors air circulation.



5 Dual sensor

Dust and odor sensors lead to improved sensor function for indoor pollution.



DEAR CUSTOMERS



First of all, we would like to thank you very much for purchasing this Coway air purifier. This product is superior to the ones in the past in function and we believe that it will provide you with cleaner and healthier air. We would like to recommend you to read this User's Manual carefully for proper operation and maintenance and keep this manual well together with the warranty. This user's manual could solve your problem resulted from that you can easily fix yourself in just a few minutes.

Contents

For information	How to use
Safety Information 04	Please Keep in Mind 15
- Electricity Safety 04	Preparations 17
- Installation Safety 07	- Filter Installation 17
- Operation Safety 09	- Remote Control 19
Names of Each Part 11	Operation Part/Indication Part 20
Air Purified Process 13	How to use 22
	Adjust Particle Sensor 24
Installation and cleaning	Others
Cleaning Method 25	Before Asking A/S 29
- Product Filter 25	Specification 30
Filter Replacement Method 27	Warranty Information 31

※ Please keep the manual near your sight and in the reach of your hand.



SAFETY INFORMATION



Be careful to keep this safety information.

Please read this information to prevent property loss and ensure your safety.

Danger If not observed, serious injury or even death could occur.

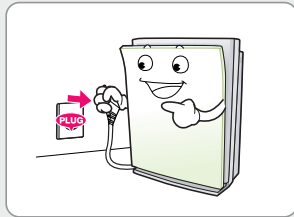
Warning If not observed, serious injury or property damage could occur.

Caution If not observed, slight injury or property damage could occur.

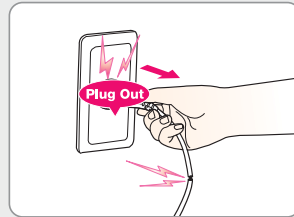


Electricity Safety

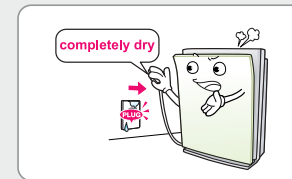
! Connect it to voltage rating that matches it on the rating plate.
Electrical shock or fire may occur as a result.



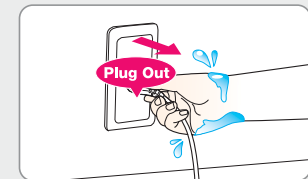
! Do not use if the cord appears to be damaged. Please ask Customer Service to replace the cord.
Electrical shock or fire may occur as a result.



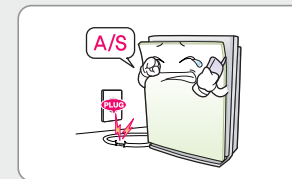
! If the cord or plug is wet, unplug the unit and let it completely dry before subsequent use.
Electrical shock or fire may occur as a result.



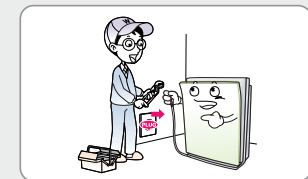
! Do not unplug by pulling the cord or handle the plug with wet hands.
Electrical shock or fire may occur as a result.



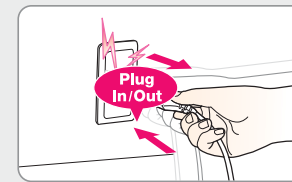
! Do not use if the cord appears to be damaged. Please ask Customer Service to replace the cord.
Electrical shock or fire may occur as a result.



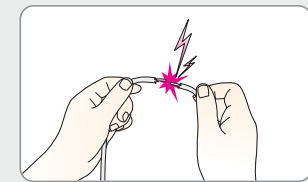
! Unplug the unit before repair, inspection, or replacement.
Electrical shock may occur as a result.



! Do not repeatedly plug and unplug the unit from the electrical outlet.
Electrical shock or fire may occur as a result.



! Do not attempt to repair the power cord.
Electrical shock or fire may occur as a result.





SAFETY INFORMATION

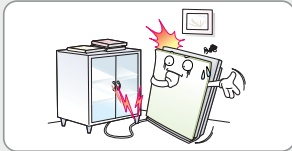
Please read this information to prevent property loss and ensure your safety.



Electricity Safety

- Do not run the power cord under a heavy object to prevent it from being damaged.

Electrical shock or fire may occur as a result.



- Remove any dust or water if it's on the plug.
*Never use Benzene or gasoline to clean the plug.

Electrical shock or fire may occur as a result.



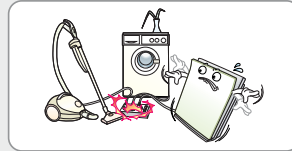
- unplug the power cord when not using for a long time.

Electrical shock or fire may occur as a result.



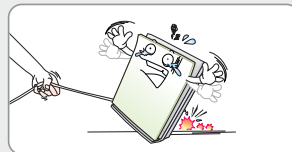
- Do not plug into an outlet or power strip that is being used by several other appliances. Use a separate outlet for the unit.

Fire may occur as a result.



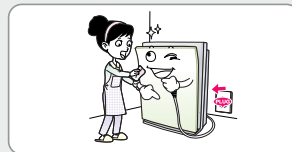
- Do not carry the unit by its power cord.

Electrical shock or fire may occur as a result.



- Unplug the power cord when cleaning the product.

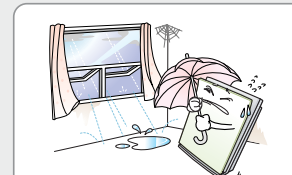
Electrical shock or fire may occur as a result.



Installation Safety

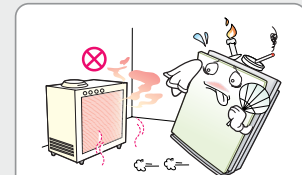
- Do not install unit in damp or moist areas.

Electrical shock or malfunctioning may occur as a result.



- Do not install close to heating units.

Fire may occur as a result.

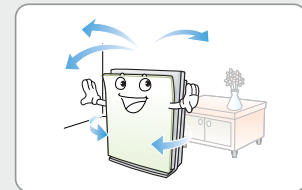


- Do not place containers holding water, medicines, small metallic objects or inflammatory materials on top of the unit.

Electrical shock, fire or malfunctioning may occur as a result.

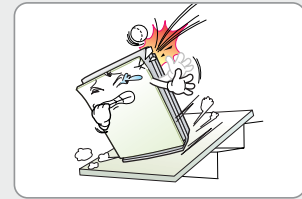


- Install the unit in a location where there are no obstacles in its surrounding making it ideal for air circulation.



- Do not install on a level area nor apply force to the unit.

Breakage or malfunctioning may occur as a result.





SAFETY INFORMATION

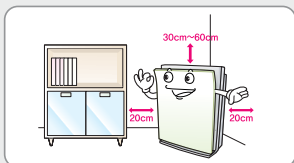
Please read this information to prevent property loss and ensure your safety.



Installation Safety

- Place the unit 20cms away from the wall and surrounding objects and 30~60cms away from the ceiling.

An object close to the wall or ceiling could be contaminated.



- Do not use the unit in places such as restaurants where there are heavy smoke, odor or oil.

It may become cause of a slower performance.



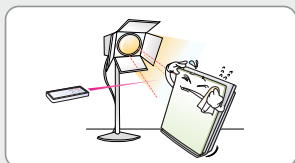
- Do not use under direct sunlight.

It could cause fading or decolorizing.



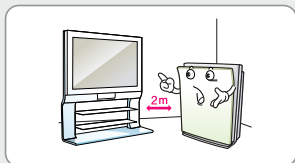
- Keep the device away from lighting devices or direct sunlight.

Operations using remote control may not become possible.



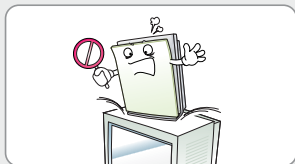
- Install the unit at least 2m away from electrical appliances including TV.

Radio interference may occur.



- Do not place the unit on electrical appliances such as heater or home appliances.

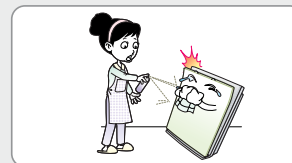
It could cause electric shock, fire or malfunctioning of the electrical appliances.



Operation Safety

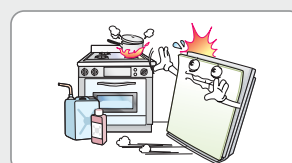
- Do not spray any inflammable materials including insecticides or aromatics near the product.

It could cause fire or mal functioning.



- Do not use or keep flammable gas or materials near the product.

There is risk of fire.



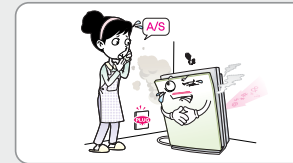
- Be careful not to let parts of the body or objects get caught on the upper part of the product when opening the front cover.

There is risk of injury.



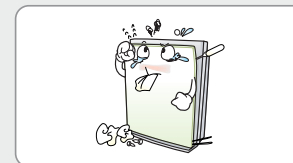
- Upon detecting strange sound, odd smell or smoke, immediately unplug the product and call the customer service center.

There is risk of fire.



- Do not insert finger or foreign objects into the intake area or outlet, and do not thrust unit with sharp objects.

There are risks of injury and malfunctioning.



- Do not allow people to climb onto the unit.

There is risk of injury.





SAFETY INFORMATION

Please read this information to prevent property loss and ensure your safety.



Operation Safety

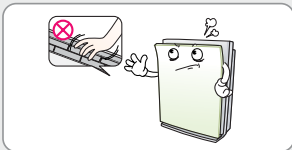
- ⚠ Never soak the unit in water.
It could cause electric shock or product deterioration.



- ⚠ Do not operate the unit in areas where there is oil mist.
It could cause fire or product deterioration.



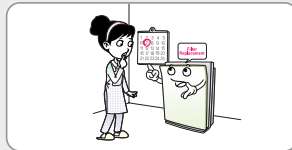
- ⚠ Keep away from the outlet.
If you operate the outlet in your own way, it could affect the function of product.
※ When the outlet doesn't return to its normal angle(85°), switch off power and on again.



- ⚠ Do not disassemble, repair or modify the unit with one's discretion.
There are risks of electric shock or product damage.



- ⚠ Change to new filter within given period.
It could cause product deterioration.



- ⚠ User Pre filter only after regular cleaning with water and fully drying.



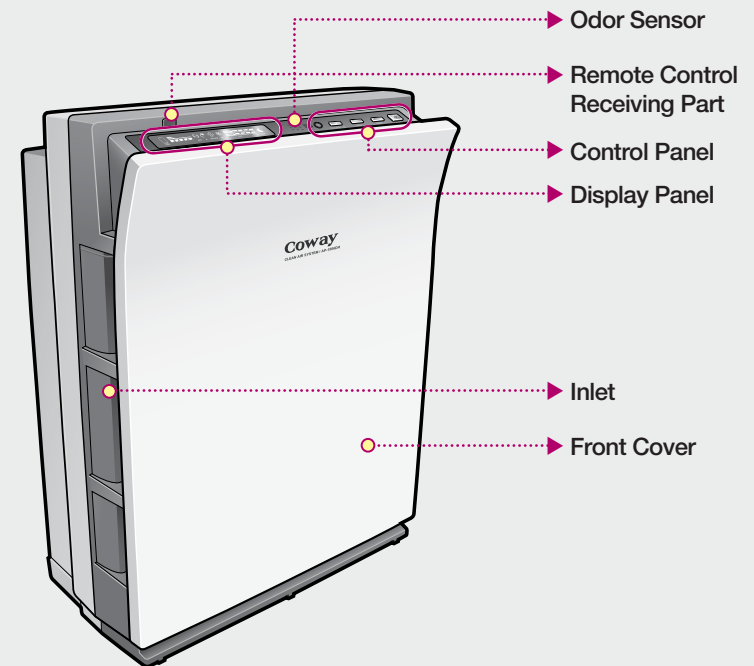
Customized, HEPA and Deodorant filters will not be restored even after washing with water. Never soak or was with water.



NAMES OF EACH PART



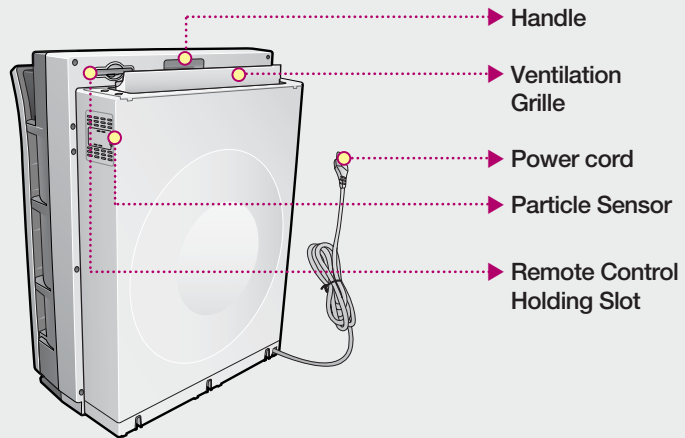
Front



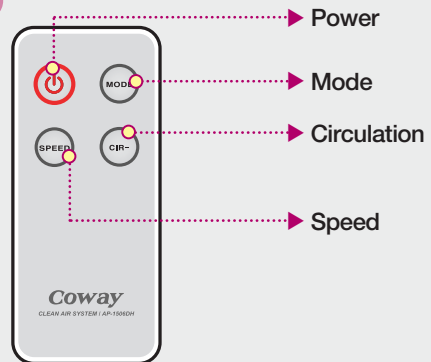


NAMES OF EACH PART

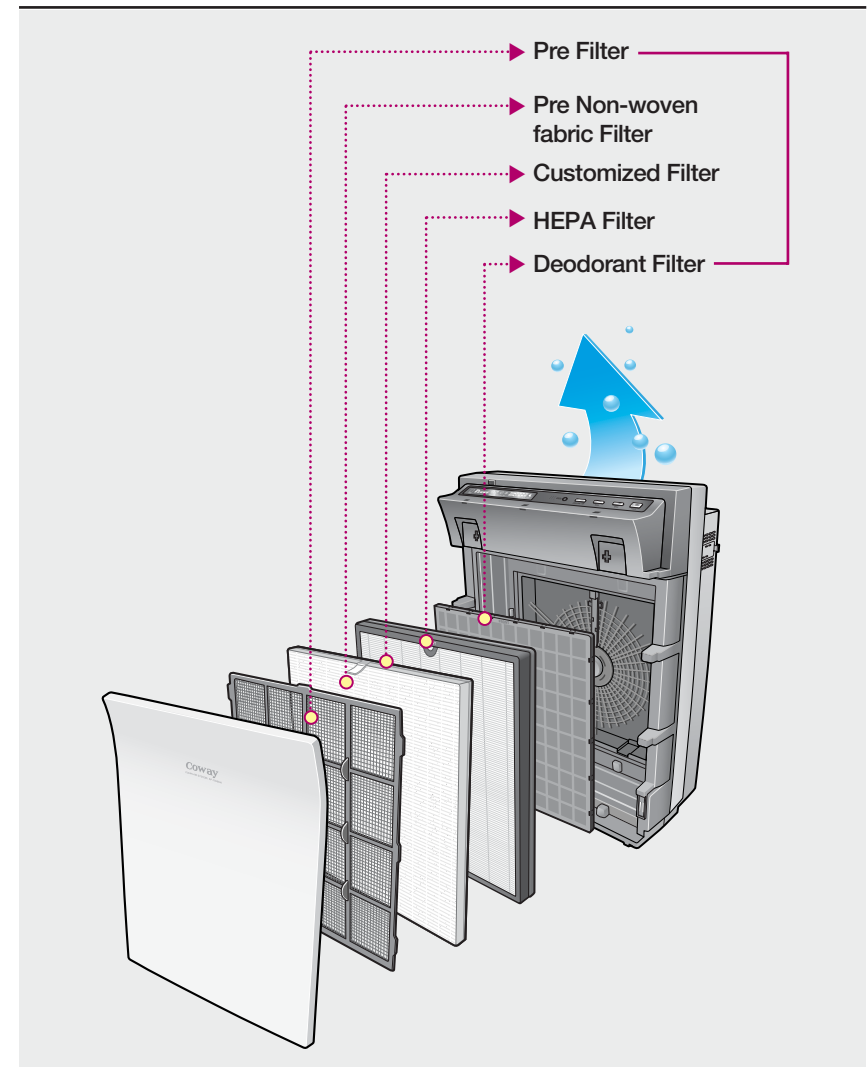
Rear



Remote Control



AIR PURIFIED PROCESS





AIR PURIFIED PROCESS

► Air Purified System

● Pre Filter

The anti-bacterial Pre filter aids in sterilization and collects pet hair, large size allergens and dust.

● Pre Non-woven fabric Filter

It removes dust and hairs in front of the Customized filter and protects Customized filter and HEPA filter.

● Customized Filter

There are 4 filters(used for yellow dust-free, babies, new house owner, old house owner), which you may choose based on needs.

The filter for yellow dust-free(Brown) efficiently reduces Yellow dusts including Sox. (Test result 1)

The filter for babies(Orange) is helpful for the baby's health, which reduces influenza viruses such as H5N1, H3N1. (Test result 2)

The filter for new house owner(Black) effectively reduces Formaldehyde and toluene(VOC). (Test result 3)

The filter for old house owner(Yellow) efficiently reduces legionella viruses that can be easily found in old houses. (Test result 4)

※ Authorization and test institutions

- 1) Busan Techno-park (Authorized institution)
- 2) Veterinary Research Institute in China, Tottori University, Tsukuba University
- 3) Mitsubishi Paper Mills
- 4) Ecosphere Research Institute at Kyoto University

● HEPA Filter

The high-function HEPA filter significantly removes fine particles and cigarette smoke while the anti-bacteria and anti-mold nano-silver and catechin eliminate germs and mold.

● Deodorant Filter

The activated carbon filter, efficiently eliminates food odors and unpleasant smells.



PLEASE KEEP IN MIND

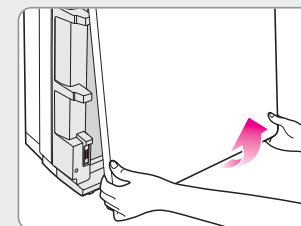


► Key points for proper use of air purifiers!

1 Install filter.

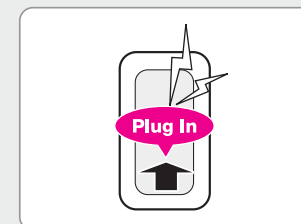
Filter should be installed in order to use the product. (See P.17)

※ Filter is delivered in packaged. Remove filter wrapping first.



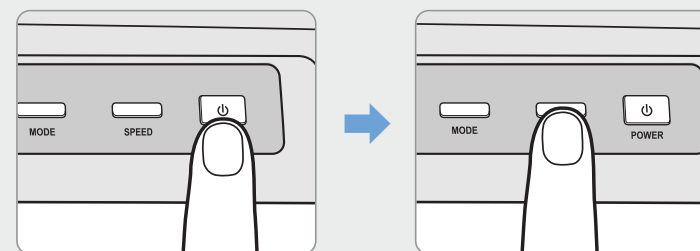
2 Connect power.

Power needs to be connected in order for the air purifier to operate properly. (See P.17)



3 Select speed button for manual operations.

Press the power button and select fan speed. (See P.22)



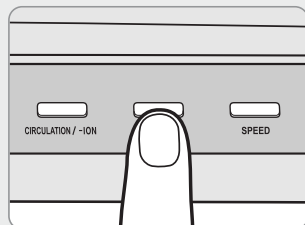


PLEASE KEEP IN MIND

► Key points for proper use of air purifiers!

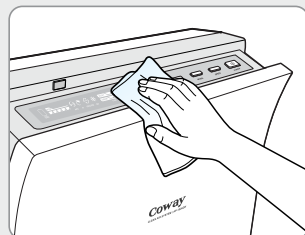
4 Press mode select button for auto running.

Press the power button and select auto mode. (See P.22)



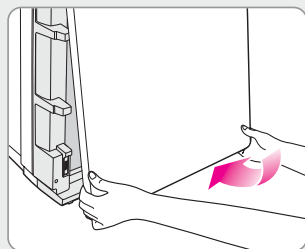
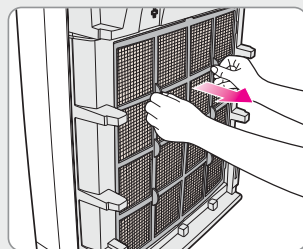
5 Clean the product and filter at regular intervals.

Product and filter must be cleaned at regular intervals for smooth operation of the product and maintaining its performance. (See P.25)



6 Change filters within given period.

Filter should be changed within given periods in order to maintain optimal performance of the product. (See P.27)



PREPARATIONS



► Must check before use!



Connect it to voltage rating that matches it on the rating plate.



How to install filter



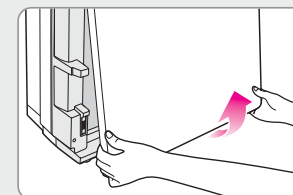
- Always remove filter wrapping before installation.
- The unit is for residential use and thus for indoor only.
- Remove power plug from the socket when not in use.
- Check front part of the filter when installing unit.

► Order of filters

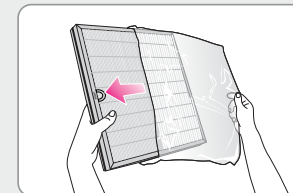
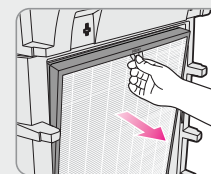
Pre filter→Pre Non-woven fabric Filter→ Customized filter→HEPA filter→Deodorant filter

1 Open front cover.

Pull out lower part of the front cover and open up by pushing it upwards.



2 Take out the filter by pulling out the filter case handle forward and remove filter wrapping.

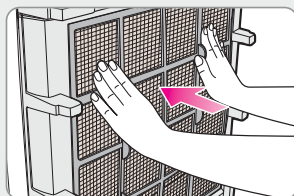




PREPARATIONS

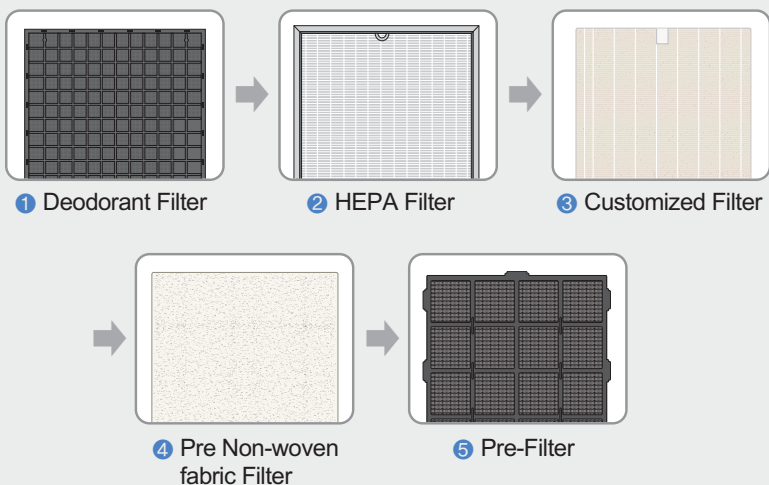


- 3** Mount on the unit in the order of Deodorant, HEPA, Customized, Pre Non-woven fabric filter and Pre filters. (Check direction and order of inserting filters and make sure hooks on both sides of the filters are well adjusted.)



Inserting filter

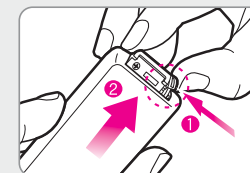
- Pre Non-woven fabric filter on the front part should be attached to the front part of Customized filters. Refer to page 28 "How to Exchange Filters" to attach it.
- ※ On shipment, the Pre Non-woven fabric filter on the front part is attached to Customized filters.



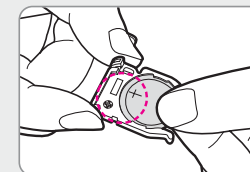
► Must check before use!

Preparing remote control and how to use

- 1** Push batteries container hook on the bottom at the back side of the remote control in ① direction and at the same time pull out the batteries container in ② direction.

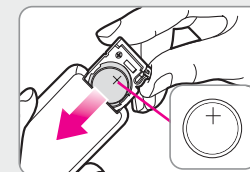


- 2** Insert enclosed batteries in its appropriate positions at the container according to its + positions at the hook.



※ Make sure (+) directions of the batteries are checked.

- 3** Thrust in batteries container with batteries into the remote control inlet until you hear the clicking sound.



※ Use the same procedure above when switching batteries.

► While using the remote control

- If the remote control doesn't work, check batteries lifespan.
- If necessary, switch batteries of CR2025.
- If you don't use the remote control for a long time, be careful to pull out the battery from it.
- The lifespan of remote control depends on the usage frequency.

► How to use remote control.

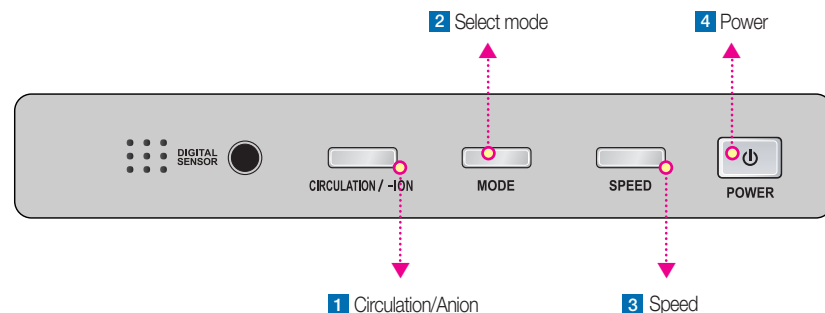
- If you use the remote control, place it toward the receiving part of a product.
- The obstacles between the product and remote may prevent the remote control from working.
- Do not apply force to the remote control.
- Do not place the remote control in a wet place or under the direct sunlight or near heaters.



OPERATION PART /INDICATION PART



► Operation Part



Odor sensor
Sensor to detect the level of odor pollution.

1 Circulation/Anion
Use to select swing circulation mode or anion mode. If swing circulation is in operation, circulation icon in the display part will light up and the swing grill will start rotating. If anion mode is in operation, anion icon in the display part will light up.

3 Speed
To be used when changing speed. Use speed button to select 5 different speed modes from level 1→2→3→4→turbo.

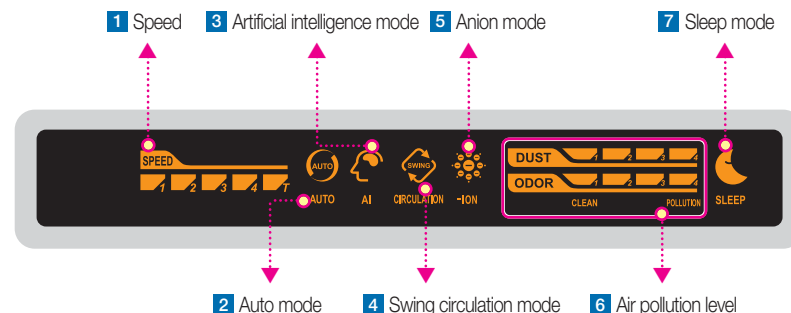
4 Power
Use to turn the power on and off.
※ Press the "power" button for 2~3 seconds in order to power off.

DIGITAL SENSOR

Illumination sensor
Sensor to detect the level of brightness in the surroundings.

2 Select mode
Use to switch operations mode. Operations mode can be selected by pressing the mode selection button which will move in the order of auto→artificial intelligence→turbo modes. Display light in the selected operations mode will light up whenever the button is pressed.
※ Pressing speed button during mode operations will immediately switch to manual mode.

► Indication Part



1 Speed
Speed is automatically controlled and displayed according to level of indoor pollution under auto mode. And under manual mode, it will be displayed according to speed button selection as per levels 1→2→3→4→turbo.

3 Artificial intelligence mode
It is displayed upon selection of the artificial intelligence mode, which is designed to efficiently remove indoor pollutants.

5 Anion mode
It displays the discharge of anion together with purified air.

2 Auto mode
It indicates auto mode status and it is run automatically according to level of pollution.

4 Swing circulation mode
Upon selection of the swing circulation mode, it displays the swing grill in rotation mode.

6 Air pollution level
It displays the level of dust and odor pollution, and it is displayed in 4 levels according to its pollution level.

7 Sleep mode
It displays the air purifier being run in silent mode during sleep.



HOW TO USE

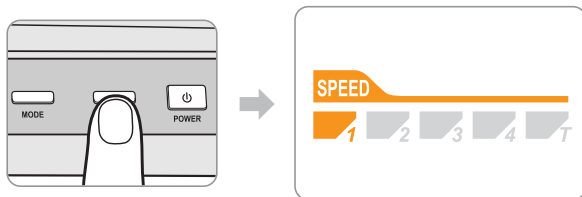


- Don't forget to plug power before operating the unit.
- Unit will automatically start running with auto mode.

► To select manual mode

Press the power button to turn on and select fan speed by selecting the speed button. Level 1—2—3—4—Turbo

※ Pressing fan speed button even during mode operations (auto/ artificial intelligence/ turbo) will immediately switch to manual operations mode.



► To select auto operations mode

Press the power button to turn on and select operations mode by pressing the mode select button. Auto—artificial intelligence—turbo



Auto Mode

Fan speed will be adjusted automatically (from levels 1~4) for optimal operations depending on the level of indoors pollution detected by the dust and odor sensors.



Artificial Intelligence (Learning) Mode

Will store level of indoors pollution detected by the dust and odor sensors and self-adjust operations condition before repeated pollution by analyzing user's indoors environment change pattern.



Turbo Mode

Enables speedy cleaning of indoors air by adjusting fan speed a level faster than the level of indoors pollution detected by the dust and odor sensors.

Artificial intelligence (learning) mode

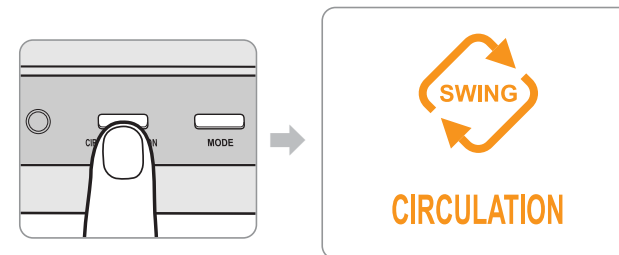
- When the level of pollution continues at 1, operations will be repeatedly suspended for as long as 10~30 minutes.
- Operations mode will be switched when current level of pollution is higher than the level stored.

※ When switching from auto/artificial intelligence/turbo to manual operations mode, the manual operations mode will start from level 1 (regular speed).

► To run swing mode

Select swing mode by pressing the power button and select swing mode by pressing the button.

※ Operations can be confirmed on the swing mode light at the display panel.

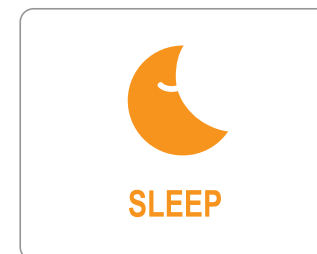


► To run sleep mode

When the unit's surrounding gets dimmer for more than 3 minutes while running in auto/ artificial intelligence/ turbo mode, the unit will automatically run in low wind, noise and electricity consumption mode. When the surrounding becomes bright again, normal operations will resume.

- Sleep mode operations under the artificial intelligence mode will repeat the cycle of 10 minutes operation and 30 minutes suspension of work.

(Selection of different mode buttons is possible with sleep mode operations under the artificial intelligence mode but in stop condition, only the power button can be used.)



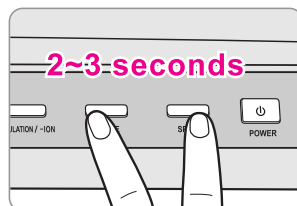


ADJUST PARTICLE SENSOR

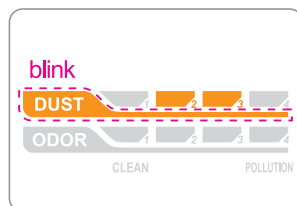
► To adjust particle sensors

Upon product shipment, particle sensors are adjusted to normal level. When the level of pollution remains at its height even after running the air purifier for more than 2 hours in highly polluted conditions or when it maintains lowest level for more than an hour even in highly polluted conditions, use the following methods to adjust the sensor before use.

- 1 Press both select speed/mode buttons at the same time for 2~3 seconds while the unit is in operations.

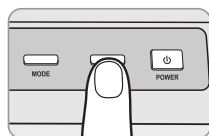


- 2 'Dust pollution' display will start to flicker and display that it's adjusting sensors.



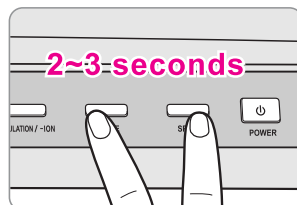
- 3 Press speed select button and adjust to desired sensor mode. Sensor level will be displayed on the dust pollution display panel.

- Level 1: Sensitive
- Levels 2~3: Average
- Level 4: Insensitive



- 4 Select desired sensor level and press select speed/mode buttons at the same time for 2~3 seconds. The display panel will then resume normal operations and sensor level will be displayed accordingly.

※ When no buttons are selected for 10 seconds, the corresponding value will automatically be given.



CLEANING METHOD

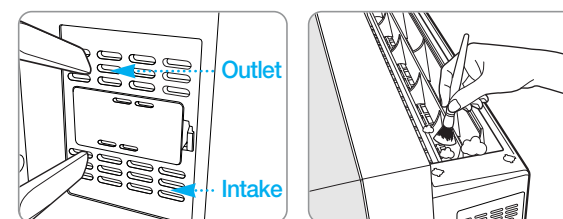


- Always unplug power first prior to cleaning.
- Do not use detergents including organic solvents, bleach, chlorine or abrasives.
- Do not soak unit or sprinkle in water.

► Cleaning air intake and outlet (Cleaned every 2 months)

- Clean air intake and outlet with soft brush or a vacuum cleaner.

※ Take caution not to let dust fall to the inner part of the unit.

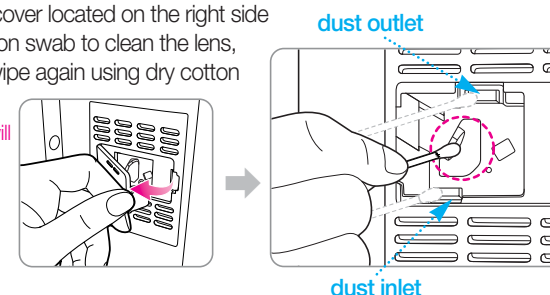


► Cleaning particle sensor (Cleaned every 2 months)

- Open the particle sensor cover located on the right side of the unit. Use a wet cotton swab to clean the lens, dust inlet and outlet and wipe again using dry cotton swab to remove moisture.

※ Failure to clean regularly will result in mal functioning of the particle sensor.

※ Clean more often in environments with more dust.



► Cleaning the unit (Cleaned every 2~4 weeks)

- Use soft dry cloth to clean the unit.

Wipe with slightly moist cloth for more serious stains (do not use abrasives).





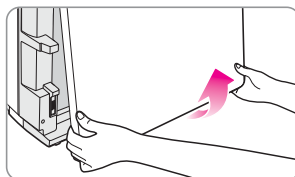
CLEANING METHOD



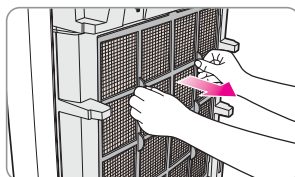
- Always unplug prior to cleaning filter.
- Pre filters may be restored by removing dust or washing with water.
- Failing to clean pre filters for a long time may cause mal functioning of the unit.
- Customized, HEPA and Deodorant filters will not be restored. Never wash with water.

► Cleaning pre filter (Cleaned every 2~4 weeks)

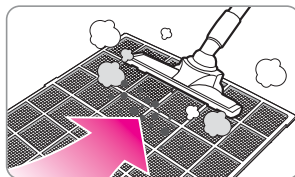
- 1** Softly pull out bottom of the front cover to remove it from the unit.



- 2** Pull out the filter handle to release it.
※ Carefully release filter to prevent dust from falling apart.

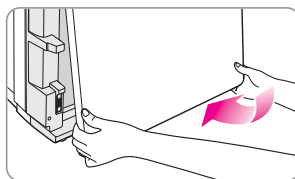


- 3** Use vacuum cleaner or water to remove dust from the filter.



- 4** When the moisture is completely dry, push electrostatic filter back to the case and complete its installation. Front cover should be put back to the product.

※ Filter case should be thrust in accurately into the filter case ring of the unit.



FILTER REPLACEMENT METHOD



► How to change

- Always unplug the unit before changing filters.
- Always check on 'front part' in assembling filters.
- Always use genuine Coway filters in order to maintain the unit's optimal performance.
- Change filters by referring to installation method on page 17.



► Filter clean and changing cycle

Filter	Clean/change cycle		Clean/change
	for residential use	for business use	
Pre Filter	Every 2~4 weeks	Every 2~4 weeks	Clean or wash
Pre Non-woven Fabric Filter	Every 2 months	Every 1 month	Replacement
Customized Filter	Every 6 months	Every 4 months	Replacement
HEPA Filter	Every 12 months	Every 12 months	Replacement
Deodorant Filter	Every 12 months	Every 12 months	Replacement

※ It is based on 24 hours per day in an automatic operation.

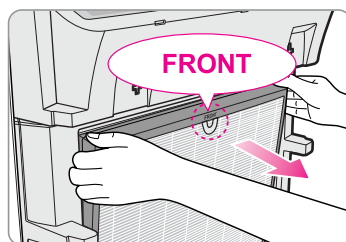
※ The above replacement of filter is only recommendation. It depends on user's conditions.



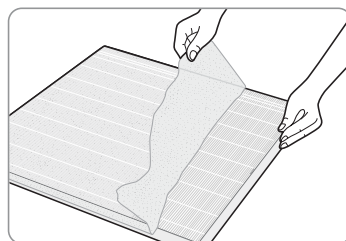
FILTER REPLACEMENT METHOD

► How to replace the filters

- 1 Check front part of Customized and HEPA filters before changing filters.



- 2 When exchanging non-woven fabric, remove it from the side part of the Customized filter and attach new non-woven fabric to the filter.



BEFORE ASKING A/S



► Check the followings before asking A/S.

Air purifier may be running abnormally for reasons other than product defect which include mishandling of the product or other miscellaneous reasons. In such cases, do check on the below cases to get simple help even without calling for A/S. When problem still remains even after checking through the list, please call customer service.

Problem	Check Items	Solutions
There is no air coming out	• Is the unit plugged in?	Connect the power to the voltage rating that matches it on the rating plate.
	• Is the display panel switched off?	Press the power button and select desired function.
	• Is there a blackout?	Operate the unit after electricity has been restored.
	• Has the filter wrapping been removed?	First remove the filter wrapping.
Speed doesn't change in auto/artificial intelligence/turbo mode.	• Has the dust detection sensor been cleaned?	When much dust accumulates in the dust detection sensor, the sensor won't be able to detect pollution properly thus it needs regular cleaning.
	• Is the sleep mode lamp on?	During sleep mode, it will be fixed to minimal speed.
Speed has become remarkably slow. There is bad odor from the diffuser.	• Isn't it over filter cleaning or switch period?	Check filter clean/ switch period and follow necessary procedure.
Remote control is not working.	• Please check batteries lifespan.	Switch batteries.
	• Are the batteries properly installed?	Install batteries in proper directions.
	• Are the lights inside the room flickering?	Switch lamps or relocate unit.
	• Is the unit close to electrical appliances?	Keep the unit at least 2m away from electrical appliances.

 A/S Phone No : 213-480-1600



SPECIFICATION

Product	Coway Air Purifier
Model	AP-1506DH
Power Supply	Voltage rating that matches it on the rating plate.
Phase	1
Rated Current	51W
Dust Collection Method	HEPA Filter Type
Room Area	51 m ²
Maximum Volume of Air	7.3 m ³ /min
Size	530(W) X 300(D) X 685(H)mm
Weight	12.8kg

※ Without prior notice the unit could be changed to improve its performance.



WARRANTY INFORMATION



Coway

Product Guarantee

- Parts and components shall be replaced free of charge within the guarantee period if the defects occur due to manufacturing defects in normal operation.
- Contact us in case of breakdown.
- In the following cases, repair work shall be charged even within the guarantee period.
 - ▶ Breakdown caused by careless operation or unreasonable repair and renovation.
 - ▶ Breakdown caused by nonperformance of the instructions specified in the manual.
- Even after the expiration of guarantee period, it is possible to apply for charged repair.
- Present this Letter of Guarantee whenever repair is needed.
- This Letter of Guarantee is valid only in domestic where you buy this product.
- Keep this Guarantee carefully as it is not re-issued.

Model	AP-1506DH	Guarantee Period
Serial No.		1 year
Date of Purchase		
Guarantee Period	From	To
Customer's Address		
Customer's Name	Tel.	

Please contact our customer's service center in case you are not satisfied with our A/S service.

- Nationwide A/S Call : 213-480-1600
- Nationwide Periodical Inspection and Filter Replacement Call : 213-480-1600
- Customer Counseling Center Call : 213-480-1600 Fax :

☞ In case any other filters or parts which are not genuine products of we are used, we are not responsible for any problems related to water quality.

Coway Co., Ltd
658 Yugu-Ri, Yugu-Eub, Gongju-Si, Choongchungnam-Do, Korea
Tel : 82-41-850-7879 Fax : 82-41-841-7816
www.coway.com